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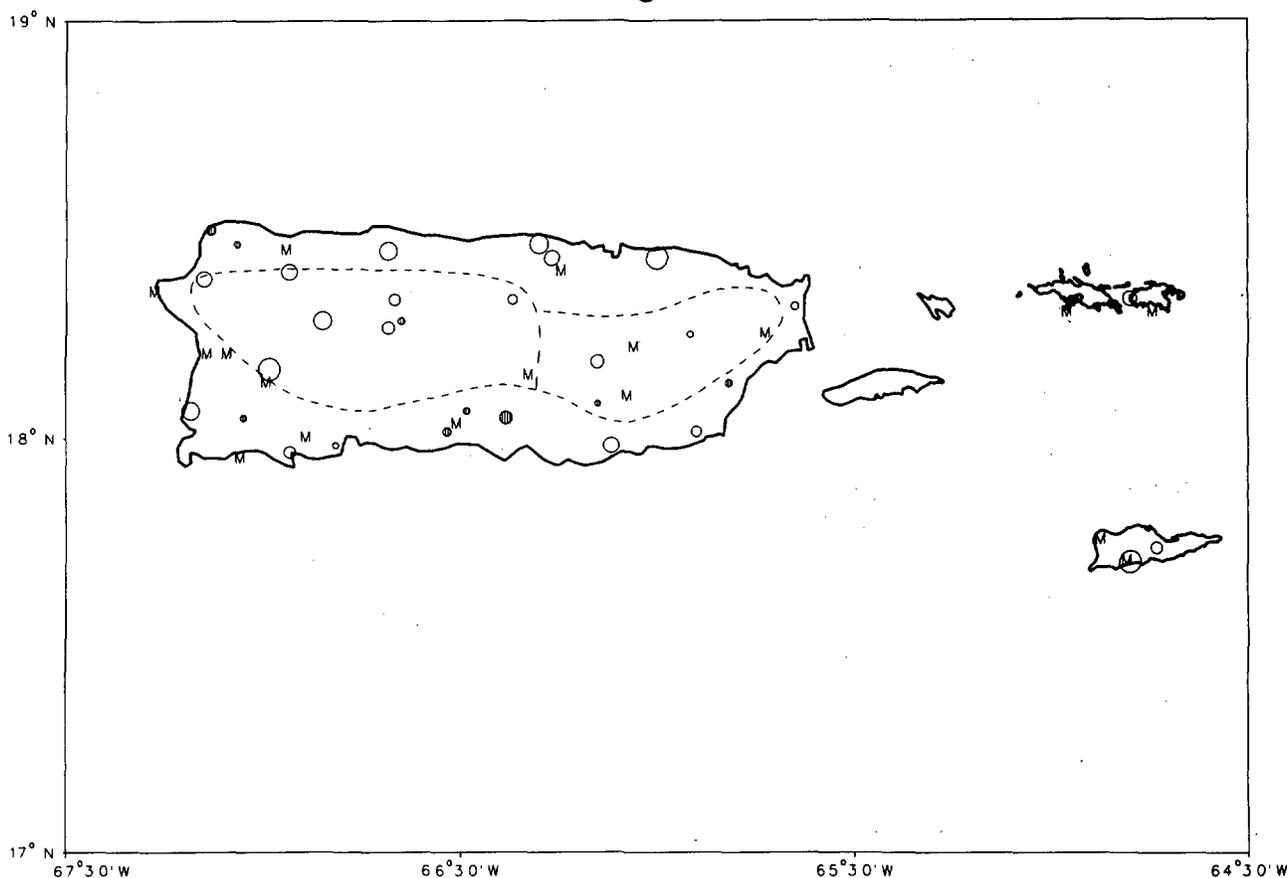
CLIMATOLOGICAL DATA PUERTO RICO & VIRGIN ISLANDS

OCTOBER 1987

VOLUME 33 NUMBER 10

MONTHLY PRECIPITATION DEPARTURE FROM INDIVIDUAL STATION NORMALS (1951-1980)

- M INCOMPLETE DATA FOR THE MONTH
- ∇ EXACTLY NORMAL
- ○ 5, 10, 20, ... 50% OR MORE BELOW NORMAL
- ● 10, 20, 40, ... 100% OR MORE ABOVE NORMAL



CIRCLE DIAMETER IS PROPORTIONAL TO DEPARTURE ON A CONTINUOUS SCALE

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND IS COMPILED FROM INFORMATION RECEIVED AT THE NATIONAL CLIMATIC DATA CENTER.

Kenneth D. Halpern

DIRECTOR, NATIONAL CLIMATIC DATA CENTER

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ENVIRONMENTAL SATELLITE, DATA
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ASHEVILLE NORTH CAROLINA

TEMPERATURE AND PRECIPITATION EXTREMES

PUERTO RICO AND
VIRGIN ISLANDS
OCTOBER 1987

PUERTO RICO
 HIGHEST TEMPERATURE 99
 LOWEST TEMPERATURE 46
 GREATEST TOTAL PRECIPITATION 18.79
 LEAST TOTAL PRECIPITATION 2.70
 GREATEST 1 DAY PRECIPITATION 4.74

VIRGIN ISLANDS
 HIGHEST TEMPERATURE 96
 LOWEST TEMPERATURE 68
 GREATEST TOTAL PRECIPITATION 5.27
 LEAST TOTAL PRECIPITATION 2.52
 GREATEST 1 DAY PRECIPITATION 1.81

OCTOBER 15
 OCTOBER 28

OCTOBER 27

OCTOBER 19+
 OCTOBER 31

OCTOBER 16

ARECIBO 3 ESE
 PICO DEL ESTE
 TORO NEGRO FOREST
 SAN JUAN WSFO
 PONCE 4 E

R

2 STATIONS
 CHRISTIANSTED FORT
 CATHERINEBURG
 FREDERIKSTED 1 SE
 ESTATE THE SIGHT

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

PUERTO RICO AND
VIRGIN ISLANDS
OCTOBER 1987

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)											
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW SLEET			NO. OF DAYS		
											90 OR ABOVE	59 OR BELOW	59 OR BELOW					TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PUERTO RICO																							
NORTH COASTAL 01																							
ARECIBO 3 ESE	92.5	71.0	81.8	2.0	99	15	68	2	0	524	22	0	0	3.30	-1.99	.70	19+	.0	.0	.0	7	2	0
BARCELONETA														4.49		.96	14	.0	.0	.0	11	3	0
BORINQUEN AP	91.8	73.0	82.4		94	13+	71	30+	0	547	31	0	0	7.91	2.77	1.75	15	.0	.0	.0	13	6	3
CANDELARIA - TOA BAJA																		.0	.0	.0			
COORADO 2 WNW														3.27	-2.23	.76	10	.0	.0	.0	1	2	0
QUEBRADILLAS														5.71				.0	.0	.0	1	2	0
RIO PIEDRAS EXP STA	90.1	73.6	81.9		94	20+	72	26+	0	531	21	0	0	2.70		2.08	5	.0	.0	.0	1	1	0
SAN JUAN WSFO	90.7	75.9	83.3	1.9	97	13+	74	18+	0	575	21	0	0	2.70	-3.19	.45	17	.0	.0	.0	11	0	0
TOA BAJA 1 SSW														3.85	-1.68	.65	10	.0	.0	.0	10	5	0
--DIVISIONAL DATA-->			82.4	2.5										5.01	-.69			.0	.0	.0			
SOUTH COASTAL 02																							
AGUIRRE CENTRAL	90.2	72.0	81.1		92	6+	68	26	0	505	25	0	0	6.20		2.40	27	.0	.0	.0	9	4	3
CENTRAL SAN FRANCISCO														5.33		1.42	27	.0	.0	.0	7	3	3
COAMO 2 SW														1.82	-5.54	3.06	23	.0	.0	.0	10	7	3
ENSENADA														3.52	-.83	.78	19	.0	.0	.0	7	4	4
LAJAS SUBSTATION	91.0	70.5	80.8	2.2	94	9	67	24+	0	496	27	0	0	6.47	-.79	1.73	11	.0	.0	.0	9	4	4
MAGUEYES ISLAND																		.0	.0	.0			
PONCE 4 E	90.0	71.8	80.9	.3	94	16	63	14	0	500	19	0	0	8.06	2.11	4.74	27	.0	.0	.0	9	4	1
PONCE CITY														6.12		1.70	1	.0	.0	.0	9	3	3
SANTA ISABEL 2 ENE														8.42		2.54	18	.0	.0	.0	8	4	3
SANTA RITA																		.0	.0	.0			
--DIVISIONAL DATA-->			80.9	.5										6.97	1.27			.0	.0	.0			
NORTHERN SLOPES 03																							
CALERO CAMP														8.06		2.00	17+	.0	.0	.0	9	5	5
CANOVANAS														6.40		2.00	17	.0	.0	.0	13	4	1
FAJARDO	89.5	75.3	82.4	1.8	91	13	72	21	0	547	24	0	0	7.19	-.60	1.45	4	.0	.0	.0	13	4	3
HATO ARRIBA-ARECIBO														11.57		3.63	17	.0	.0	.0	19	7	2
ISABELA SUBSTATION	84.1	70.8	77.5	-.5	87	20+	68	2	0	392	0	0	0	6.54	.63	1.40	17	.0	.0	.0	12	5	2
LA MUDA - CAGUAS														4.74		1.21	16	.0	.0	.0	8	4	4
MANATI 2 E	88.5	73.1	80.8		92	1	71	2	0	495	7	0	0	6.46		1.18	16	.0	.0	.0	11	6	2
MORA CAMP														5.00		1.38	27	.0	.0	.0	10	5	1
RINCON POWER PLANT																		.0	.0	.0			
TRUJILLO ALTO 2 SSW	90.6	72.3	81.5		93	8	64	5	0	521	24	0	0	5.11		1.48	9	.0	.0	.0	9	3	1
--DIVISIONAL DATA-->			80.6	1.2										6.79	.63			.0	.0	.0			
SOUTHERN SLOPES 04																							
BENAVENTE-HORMIGUEROS	93.0	69.6	81.3		97	7	67	2	0	513	31	0	0	3.90		1.00	24	.0	.0	.0	8	3	1
CORRAL VIEJO														9.99		1.72	11	.0	.0	.0	18	8	3
GUAYABAL														9.77	-1.28	3.90	26	.0	.0	.0	10	7	2
GUAYAMA														6.03	-2.65			.0	.0	.0	9	1	0
HUMACAO 2 SSE					96	7	71	30+			21	0	0	12.44	2.02			.0	.0	.0	18	8	4
JUANA DIAZ CAMP					90	28+	63	18+			3	0	0	9.49				.0	.0	.0	1	1	0
MAUNABO														8.23	-1.45	2.30	18	.0	.0	.0	12	7	2
MAYAGUEZ CEER																		.0	.0	.0			
MAYAGUEZ AIRPORT														14.07		4.00	15	.0	.0	.0	15	7	4
PENUELAS 1 NE														10.06		3.35	11	.0	.0	.0	16	5	2
PUERTO REAL														3.99	-1.93	1.25	10	.0	.0	.0	11	2	1
ROOSEVELT ROADS														6.09		2.24	18	.0	.0	.0	11	2	2
YABUCOA 1 NNE	88.6	73.0	80.8		91	20+	69	29	0	498	10	0	0	11.50		2.48	14	.0	.0	.0	18	5	4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

PUERTO RICO AND
VIRGIN ISLANDS
OCTOBER 1987

STATION	TEMPERATURE (°F)											PRECIPITATION (IN)								
	AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST DATE	LOWEST DATE	HEATING DEGREE DAYS	COOLING DEGREE DAYS	NO. OF DAYS			TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY DATE	SNOW SLEET			NO. OF DAYS		
									90 OR ABOVE MAX	59 OR BELOW MIN	59 OR BELOW MIN				TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
VIRGIN ISLANDS																				
ST THOMAS 01																				
DOROTHEA AES	88.3	74.4	81.4		92 13	70 5	0	516	9	0	0	4.53		.70 13						
ESTATE FORT MYLNER	M	M	M									3.32		1.60 17						
RED HOOK BAY	M	M	M									3.97		1.21 19						
TRUMAN FLD FAA AP	90.7	77.0	83.9		96 8	73 3	0	594	24	0	0	4.35		1.76 17						
WINTBERG	M	M	M									3.53		.64 13						
-- DIVISIONAL DATA ----->																				
ST CROIX 02																				
ALEX HAMILTON FLD FAA	86.8	80.0	83.4		89 14+	75 15+	0	578	0	0	0	2.65	-2.60	.85 9						
ANNALY	M	M	M									2.80		.83 17						
ANNAS HOPE	M	M	M									4.10	-.97	.70 16						
BETH UPPER NEWWORKS	M	M	M		93 13	71 16+			14	0	0	2.55		.75 27						
CHRISTIANSTED FORT	89.4	76.1	82.8		92 20+	68 31+	0	555	14	0	0	3.78		1.25 16						
COTTON VALLEY 2	M	M	M									3.86		1.01 16						
EAST HILL	M	M	M									5.13		1.67 16						
ESTATE THE SIGHT	M	M	M									4.86		1.81 16						
FOUNTAIN	M	M	M									3.00		.96 16						
FREDERIKSTED 1 SE.	M	M	M									4.52		.65 16						
GRANARD	M	M	M									2.33		.50 16						
HAM BLUFF L-H STN	M	M	M									4.63								
MONTPELLIER	M	M	M									4.63		.80 11						
-- DIVISIONAL DATA ----->																				
ST JOHN 03																				
CANEEL BAY PLANTATION	86.2	72.9	79.6		90 13+	70 17	0	459	2	0	0	5.07		.72 17						
CATHERINEBURG	M	M	M									5.27								
CORAL BAY	M	M	M									5.56		.40 17+						
CRUZ BAY	90.3	76.0	83.2		96 19	72 5	0	572	19	0	0	3.75	-1.37	.67 15						
EAST END	M	M	M									3.89		.46 17						
LAMESHUR BAY	M	M	M									3.08								
-- DIVISIONAL DATA ----->																				
81.4 .5																				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION (INCHES)

PUERTO RICO AND
VIRGIN ISLANDS
OCTOBER 1987

STATION.	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MONTPELLIER	4.63		.03	.59				.24	.40		.60	.80	.20					.58	.41					.10	.20	.43						.05
ST JOHN 03																																
CANEEL BAY PLANTATION	5.07	.16	T	.10	.06	T	*	.98	.18	.01		T	*	.55	.43	.37	.75	.10	*	.09	T	*	.19	.05	.43	.31			T		T	.31
CATHERINEBURG	5.27	.53		.23	.15	.11	.17	.38	.01	*	.03	.08	.13	.47	.03	.32	.50	.72	.22	.07	.20	.18	*	.05	.09	.37	.05	.04				.14
CORAL BAY	3.56	T	.01	.23	.25	.40	.06	.03	.08	.15	.10	.06	.03	.29	.10	.35	.20	.40	.10	.08	.18	.08	T	T	.06	.25	.07				T	.11
CRUZ BAY	3.75	.05	T	T	.19	.05	.01	.22	.14	.04		*	*	.45	.02	.67	*	.61	.08	.03	.06	.01	*	.29	.11	.45	.14				.02	.11
EAST END	3.08	.05		.16	.13	.13	.06	.05	.01	.28		.06	.11	.16		.25	.44	.46	.13			.04		.01	.14	.24	.04	.01				.11
LAMESHUR BAY	M 3.08	-	.15	*	.25	.15	*	.44	.15	-	-	-	-	.11		.29	*	*	*	*	*	1.09	.02	.05	.20	.05					.13	

SEE REFERENCE NOTES FOLLOWING STATION INDEX
8

DAILY TEMPERATURES (°F)

PUERTO RICO AND
VIRGIN ISLANDS
OCTOBER
1987

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
			PUERTO RICO																																	
NORTH COASTAL	01																																			
ARECIBO 3 ESE	08	MAX	95	92		85	92	92	93	91	95		92	98	93	99	98	91		91		92		92	89		91	92	91	94	90	91	92.5			
		MIN	69	68		69	71	71	71	69	71		70	72	71	71	71	71		71		72		71	69		72	73	71	71	73	74	71.0			
BORINQUEN AP	08	MAX	93	92	92	91	92	90	92	94	92	93	93	94	94	92	91	92	92	90	90	90	92	93	92	92	92	91	91	90	91	90	91.8			
		MIN	72	72	73	72	73	74	74	74	74	74	73	73	74	75	75	76	72	72	73	73	72	73	73	73	73	73	72	71	73	71	75	73.0		
RIO PIEDRAS EXP STA	08	MAX	90	91	90	89	89	89	88	93	90	89	91	91	94	90	92	87	85	86	90	94	91	92	92	90	88	89	92	90	90	90	91	90.1		
		MIN	74	72	73	75	72	75	74	74	74	73	73	74	75	73	74	76	74	74	74	74	73	73	73	74	73	72	73	72	75	74	74	73	74	73.6
SAN JUAN WSFO	MID	MAX	94	92	94	90	93	93	91	90	91	91	91	97	97	93	87	89	85	92	89	90	90	90	89	89	87	90	92	91	88	89	87	90.7		
		MIN	75	75	76	74	74	76	75	75	75	77	76	74	77	76	76	76	75	74	75	77	75	78	77	76	76	77	78	76	78	76	77	75.9		
SOUTH COASTAL	02																																			
AGUIRRE CENTRAL	07	MAX	92	92	91	91	92	92	91	91	91	91	91	91	91	90	91	90	90	89	89	90	90	90	90	90	90	90	90	90	90	90	90	90.2		
		MIN	73	74	72	71	74	73	72	73	70	72	73	72	73	74	74	75	74	72	72	71	71	70	71	70	70	70	68	71	73	73	70	70	72.0	
LAJAS SUBSTATION	08	MAX	92	90	91	92	91	91	91	92	94	92	93	90	91	91	92	92	86	90	89	93	91	92	92	91	91	91	91	90	92	91	92	91.0		
		MIN	71	68	68	69	69	71	71	69	68	69	67	71	72	72	71	70	73	72	72	72	74	72	70	67	69	71	73	73	70	71	69	70.5		
MAGUEYES ISLAND	07	MAX																																	M	
		MIN																																	M	
PONCE 4 E	08	MAX	87	89	89	89	90	90	90	90	92	90	91	91	91	91	91	94	91	91	91	89	89	89	90	91	92	92	89	86	87	89	89	90.0		
		MIN	75	72	74	72	72	73	74	72	73	74	66	65	64	63	75	75	75	73	75	75	74	75	72	72	70	67	71	74	74	71	70	71.8		
NORTHERN SLOPES	03																																			
FAJARDO	07	MAX	90	90	90	90	88	90	90	90	90	90	90	91	90	90	88	90	90	88	90	90	90	84	90	90	88	88	90	88	90	88	90	89.5		
		MIN	76	74	75	75	74	75	78	74	74		77	77	76	77	75	75	75	76	75	74	72	74	75	75	75	75	77	76	77	75	75	75.3		
ISABELA SUBSTATION	08	MAX	85	85	85	84	85	86	85	85	84	80	85	82	85	86	87	83	80	80	87	87	85	84	85	83	80	83	83	85	86	84	83	84.1		
		MIN	70	68	70	69	69	70	70	70	70	72	72	71	71	71	70	73	72	70	71	71	73	71	71	71	73	69	71	71	70	73	71	70.8		
MANATI 2 E	08	MAX	92	90	89	86	88	90	90	89	89	88	88	88	89	90	89	87	87	89	91	86	88	86	87	87	87	87	87	89	88	91	89	88	88.5	
		MIN	72	71	72	72	72	73	74	73	72	74	74	73	73	74	75	74	75	75	73	73	72	73	73	72	73	73	74	73		73	73	73.1		
RINCON POWER PLANT	08	MAX																																	M	
		MIN																																	M	
TRUJILLO ALTO 2 SSW	09	MAX	91	92	90	88	89	90	91	93	90	91	91	88	91	91	92	88	90	90	91	92	92	92	92	92	89	90	91				90.6			
		MIN	76	71	73	72	64	69	74	72	71	73	72	73	76	75	74	73	73	73	72	73	73	73	72	71	71	70	73				72.3			
SOUTHERN SLOPES	04																																			
BENAVENTE-HORMIGUEROS	08	MAX	94	94	94	93	95	93	97	94	93	92	93	92	94	93	91	93	90	90	93	93	94	93	93	95	93	95	92	95	90	91	92	93.0		
		MIN	72	67	68	69	69	70	69	68	69	68	69	68	71	70	70	70	69	69	69	70	71	73	73	68	69	70	70	71	70	70	70	69.6		
GUAYAMA	08	MAX	92	92			91	90	96	92	93				92	94	90	93			90	90	92	91	90			93	90	90	90	92		M		
		MIN	76	76			74	74	78	76	77				76	76	75	75			71	75	74	75	75			75	74	74	72	71		M		
HUMACAO 2 SSE	07	MAX	79	88	88	87	88																												M	
		MIN	63	64	64	63	64	67	73	67	67	66	70	70	70	65	67	65	64	63	64														M	
MAYAGUEZ CEER	08	MAX																																	M	
		MIN																																	M	
YABUCOA 1 NNE	08	MAX	80	89	90	89	89	90	90	89	91	90	89	87	90	90	89	89	88	88	87	91	89	90	90	89	89	88	87	86	88	87	89	88.6		
		MIN	73	71	73	72	72	72	74	72	71	74	73	77	75	73	74	75	72	72	72	72	71	73	74	72	73	74	76	76	69	73	74	73.0		
EASTERN INTERIOR	05																																			
CAYEY 1 E	08	MAX	83	83	85	81	83	83	84	86	87	86	86	87	86	87	86	84	83	79	83	84	86	86	86	85	81	82	83	80	81	84	86	84.1		
		MIN	67	62	68	64	64	69	68	66	64	70	66	66	68	68	71	69	71	69	67	67	64	67	67	64	69	68	71	73	67	69	68	67.5		
GURABO SUBSTATION	08	MAX	90	89	92	85	92	91	92	91	92	90	91	92	93	92	91	89	89	84	88	91	91	93	93	89	93	90	89	88	89	90	92	90.4		
		MIN	69	65	68	68	68	69	69	68	66	68	67	68	70	70	70	69	71	70	69	69	68	69	68	67	69	68	72	70	70	69	68	68.7		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

PUERTO RICO AND
VIRGIN ISLANDS
OCTOBER 1987

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE				
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
JUNCOS	07	MAX MIN	89' 73'	92' 69'	91' 73'	82' 71'	87' 72'	88' 73'	89' 73'	89' 71'	91' 70'	88' 71'	89' 70'	89' 73'	94' 74'	91' 74'	89' 73'	87' 73'	86' 72'	82' 73'	85' 72'	89' 73'	89' 71'	90' 73'	91' 71'	88' 70'	87' 71'	87' 72'	87' 73'	88' 76'	88' 74'	90' 73'	90' 72'	88.5 72.2				
PICO DEL ESTE	16	MAX MIN	73' 63'	73' 53'	73' 53'	73' 53'	71' 65'	71' 65'	71' 65'	71' 65'	74' 63'	72' 64'	72' 64'	74' 52'	73' 63'	73' 59'	74' 65'	71' 62'	71' 62'	72' 62'	73' 62'	75' 65'	75' 65'	75' 65'	75' 55'	75' 55'	70' 56'	71' 67'	71' 67'	72' 46'	71' 47'	73' 48'	70' 48'	72.4 59.5				
WESTERN INTERIOR	06																																					
ADJUNTAS SUBSTATION	08	MAX MIN	82' 63'	83' 57'	88' 61'	84' 59'	85' 60'	89' 65'	85' 61'	86' 60'	88' 59'	85' 60'	86' 61'	86' 62'	86' 62'	86' 62'	84' 66'	82' 65'	82' 65'	83' 64'	84' 65'	87' 64'	87' 56'	88' 56'	87' 62'	88' 61'	87' 62'	83' 67'	84' 67'	84' 67'	81' 70'	82' 59'	85' 64'	85' 61'	85.1 61.9			
ARECIBO OBSERVATORY	06	MAX MIN	90' 66'	82' 61'	89' 65'	89' 65'	89' 64'	88' 64'	92' 65'	89' 63'	88' 63'	89' 62'	88' 62'	87' 62'	88' 60'	93' 59'	90' 69'	89' 69'	89' 68'	89' 68'	91' 68'	89' 67'	89' 67'	89' 60'	89' 69'	89' 67'	89' 60'	89' 67'	89' 67'	89' 67'	86' 67'	88' 68'	92' 66'	85' 69'	89' 69'	87' 69'	87' 69'	88.7 65.5
BARRANQUITAS 2 SSW	07	MAX MIN																																				M M
CERRO MARAVILLA	16	MAX MIN	68' 60'	72' 61'	75' 66'	67' 64'	75' 61'	71' 63'	75' 62'	68' 66'	77' 61'	70' 66'	72' 71'	69' 69'	77' 61'	73' 61'	66' 62'	75' 63'	68' 65'	75' 62'	68' 66'	76' 62'	67' 64'	76' 62'	68' 62'	72' 66'	72' 66'	64' 64'									71.8 63.5	
COLOSO	08	MAX MIN	91' 67'	91' 68'	90' 67'	92' 68'	90' 69'	90' 69'	92' 68'	91' 68'	91' 69'	90' 67'	89' 67'	93' 68'	92' 70'	90' 69'	92' 70'	91' 70'	90' 68'	90' 70'	89' 70'	91' 71'	91' 69'	90' 70'	90' 70'	91' 70'	91' 70'	90' 69'	91' 67'	90' 71'	89' 70'	90' 70'	89' 69'	90' 70'	89' 68'	90.6 69.0		
COROZAL SUBSTATION	08	MAX MIN	89' 69'	90' 69'	91' 70'	89' 70'	90' 68'	93' 69'	92' 70'	92' 68'	90' 68'	90' 68'	90' 68'	90' 68'	92' 71'	94' 69'	90' 69'	87' 69'	89' 69'	88' 69'	94' 69'	89' 69'	90' 69'	89' 69'	89' 69'	88' 70'	86' 70'	87' 70'	89' 71'	88' 70'	92' 71'	89' 70'	88' 70'	89' 70'	90' 70'	89.9 69.8		
DOS Bocas	08	MAX MIN	89' 69'	89' 67'	87' 67'	87' 67'	87' 67'	91' 67'	91' 67'	89' 67'	90' 70'	89' 68'	89' 68'	92' 70'	92' 70'	90' 70'	90' 70'	90' 70'	90' 70'	92' 70'	92' 70'	90' 72'	89' 71'	89' 71'	89' 71'	88' 71'	87' 71'	88' 71'	87' 71'	87' 68'	90' 70'	90' 70'	87' 71'	90' 70'	88' 70'	89' 70'	89.1 69.3	
MARICAO 2 SSW	09	MAX MIN																																				M M
SAN SEBASTIAN 2 WNW	08	MAX MIN	95' 66'	95' 64'	94' 64'	93' 62'	94' 61'	91' 67'	93' 69'	93' 67'	93' 66'	92' 67'	93' 67'	93' 68'	95' 69'	92' 68'	93' 68'	93' 69'	92' 68'	92' 68'	92' 69'	92' 70'	92' 70'	92' 70'	92' 70'	94' 70'	94' 70'	93' 67'	93' 67'	93' 66'	92' 71'	93' 70'	93' 67'	91' 66'	91' 66'	91' 68'	91' 68'	92.6 67.6
UTUADO	08	MAX MIN	88' 65'	89' 62'	90' 62'	87' 64'	90' 64'	90' 65'	90' 66'	91' 65'	89' 63'	88' 63'	90' 67'	90' 66'	91' 66'	91' 66'	91' 66'	89' 67'	88' 68'	87' 69'	87' 67'	90' 67'	91' 68'	91' 68'	92' 67'	92' 67'	89' 65'	87' 65'	88' 66'	90' 66'	86' 65'	88' 66'	89' 66'	90' 66'	89.3 65.8			
OUTLYING ISLANDS	07																																					
MONA ISLAND 2	07	MAX MIN																																				M M
VIEQUES ISLAND #2	07	MAX MIN	89' 70'	89' 74'	90' 75'	89' 70'	88' 72'	88' 75'	89' 73'	90' 74'	94' 75'	92' 74'	92' 73'	90' 73'	90' 74'	92' 72'	91' 73'	90' 70'	89' 70'	85' 70'	87' 72'	82' 75'	88' 74'	88' 70'	90' 70'	91' 69'	88' 70'	88' 74'	88' 70'	88' 69'	88' 75'	87' 74'	87' 75'	87' 72'	90' 71'	91' 71'	91' 74'	89.0 72.6
VIRGIN ISLANDS																																						
ST THOMAS	01																																					
DOROTHEA AES	08	MAX MIN	87' 76'	90' 75'	89' 79'	89' 76'	90' 70'	88' 76'	89' 73'	86' 74'	85' 75'	90' 75'	89' 76'	90' 75'	92' 74'	90' 76'	89' 72'	85' 72'	86' 72'	89' 74'	90' 75'	89' 72'	88' 75'	89' 73'	88' 75'	89' 73'	86' 75'	87' 74'	87' 73'	86' 76'	87' 76'	87' 75'	87' 75'	89' 75'	90' 75'	88.3 74.4		
RED HOOK BAY	09	MAX MIN																																				M M
TRUMAN FLD FAA AP	20	MAX MIN	92' 77'	92' 77'	91' 73'	91' 76'	90' 74'	92' 79'	93' 78'	96' 77'	94' 79'	93' 80'	92' 77'	92' 77'	91' 76'	91' 77'	89' 76'	86' 75'	88' 74'	89' 77'	90' 78'	90' 79'	90' 78'	92' 76'	88' 77'	90' 76'	89' 76'	89' 77'	90' 77'	90' 76'	89' 76'	89' 77'	90' 77'	90' 77'	91' 77'	90' 79'	90.7 77.0	
ST CROIX	02																																					
ALEX HAMILTON FLD FAA	08	MAX MIN	86' 81'	87' 79'	87' 75'	87' 79'	88' 82'	87' 83'	88' 82'	87' 77'	89' 81'	89' 83'	86' 81'	86' 83'	87' 83'	89' 81'	88' 75'	85' 77'	84' 77'	86' 81'	85' 82'	86' 81'	88' 80'	87' 79'	87' 80'	87' 80'	87' 79'	87' 80'	87' 80'	87' 79'	87' 78'	87' 78'	87' 78'	86' 83'	86' 80'	85' 80'	87' 80'	86.8 80.0
ANNALY	07	MAX MIN																																				M M
BETH UPPER NEW WORKS	08	MAX MIN	91' 75'	92' 74'		90' 71'	91' 73'	92' 75'	92' 73'	92' 72'					93' 72'	92' 73'	91' 74'	89' 71'																				M M
CHRISTIANSTED FORT	08	MAX MIN	89' 75'	90' 76'	91' 77'	91' 75'	91' 78'	90' 79'	90' 76'	89' 76'	90' 70'	88' 72'	90' 78'	90' 80'	92' 77'	91' 78'	90' 78'	89' 76'	87' 75'	89' 75'	88' 80'	92' 78'	91' 77'	90' 75'	88' 75'	89' 77'	89' 78'	89' 75'	89' 77'	89' 78'	89' 75'	89' 77'	89' 78'	89' 78'	89' 68'	87' 68'	89.4 76.1	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES (°F)

PUERTO RICO AND
VIRGIN ISLANDS
OCTOBER 1987

STATION	OB. TIME	MAX/MIN	DAY OF MONTH																															AVERAGE
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ST JOHN	03																																	
CATHERINEBURG	08	MAX	84	88	87	90	87	88	88	87		79	87	88	90	88	88	81	82	84	84	85	88		87	85	85	86	86	88		87	86	
		MIN	72	73	74	71	72	74	72	74		72	73	74	74	72	71	72	70	72	75	74	74		73	73	72	73	75	75		74	72	
CRUZ BAY	08	MAX	90	90	90	91	90	88	91	91	90	91		92	91	91		88	89	96	89	90		90	89	91	91	89	90	89	89	93		
		MIN	73	74	80	74	72	78	76	75	76	79		75	78	74			77	77	77	75		77	73	76	76	79	81	75	74	75		

SEE REFERENCE NOTES FOLLOWING STATION INDEX
11

EVAPORATION AND WIND

PUERTO RICO AND
VIRGIN ISLANDS
OCTOBER 1987

STATION		DAY OF MONTH																															TOTAL OR AVG
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PUERTO RICO																																	
NORTH COASTAL 01																																	
RIO PIEDRAS EXP STA	WIND	12	12	7	6	5	16	15	9	17	16	17	15	11	18	9	12	8	3	13	7	13	11	14	9	14	4	12	13	24	3	14	
	EVAP	16	19	27	-	22	27	20	10	5	14	20	12	20	23	15	8	16	4	6	11	18	-	28	14	17	15	19	16	11	14	17	
	MAX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	MIN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH COASTAL 02																																	
LAJAS SUBSTATION																																	
	WIND	23	23	13	13	16	23	21	21	12	24	15	12	23	27	21	26	20	18	16	11	22	12	15	17	11	25	30	23	20	14	17	
	EVAP	18	14	11	11	13	17	17	16	9	17	-	12	16	19	16	17	9	5	13	21	15	18	13	15	13	16	15	8	9	10	14	
	MAX	93	90	92	92	93	96	95	96	93	94	89	89	89	95	95	93	90	85	86	88	95	97	96	93	93	93	90	87	87	94	93	
	MIN	71	68	69	69	69	75	72	70	68	69	62	70	71	73	66	70	70	71	72	72	73	73	72	67	67	71	71	72	70	70	70	
PONCE 4 E																																	
	WIND	41	51	39	28	41	38	44	50	54	34	39	37	33	40	39	46	42	27	25	6	21	30	21	38	20	24	47	16	24	15	27	
	EVAP	14	23	21	18	24	20	29	25	18	25	24	23	23	28	20	26	25	10	15	16	22	20	21	17	19	15	-	21	19	20	26	
	MAX	95	90	93	89	94	98	99	97	98	97	95	97	99	101	100	01	97	95	96	97	98	01	97	96	95	96	88	95	96	97		
	MIN	72	72	67	67	69	71	70	74	71	73	72	75	73	76	74	75	74	75	75	77	76	75	74	76	74	71	72	74	70	76	74	
NORTHERN SLOPES 03																																	
ISABELA SUBSTATION																																	
	WIND	21	33	50	32	41	29	38	40	44	57	68	60	41	39	30	76	37	24	22	21	35	36	40	53	62	31	31	18	25	25	49	
	EVAP	21	4	14	14	16	11	15	14	17	12	23	14	21	17	11	17	15	17	25	10	19	12	19	18	8	19	15	11	12	9	16	
	MAX	85	85	92	90	90	90	91	93	93	92	93	92	92	95	85	89	90	89	90	86	92	93	94	90	89	89	89	88	88	90	90	
	MIN	70	70	70	70	70	71	72	71	71	72	71	70	72	72	70	70	71	74	71	71	73	73	72	71	72	71	72	72	72	72	73	
SOUTHERN SLOPES 04																																	
YABUCOA 1 NNE																																	
	WIND	24	29	23	20	17	35	28	26	20	27	24	15	23	31	27	17	24	8	14	14	14	13	13	14	12	17	31	18	31	11	17	
	EVAP	18	21	24	20	11	21	22	7	21	23	20	18	20	21	18	12	0	10	16	16	15	16	20	18	17	15	25	12	17	17	18	
	MAX	96	96	99	99	93	94	98	93	100	98	95	95	99	100	98	90	90	83	89	96	96	99	98	98	92	95	95	89	93	95	97	
	MIN	73	72	72	72	72	73	72	72	72	74	74	75	75	75	74	72	73	73	73	73	74	73	73	73	72	73	73	73	75	77	73	
EASTERN INTERIOR 05																																	
GURABO SUBSTATION																																	
	WIND	36	37	28	6	29	24	34	34	11	9	27	23	32	37	31	26	31	8	23	17	26	19	16	19	18	21	40	37	30	21	12	
	EVAP	16	18	30	6	21	19	23	20	17	24	15	17	23	23	17	10	9	9	19	13	17	17	14	34	5	22	24	14	15	18	13	
	MAX	90	89	91	82	92	94	92	88	90	90	95	94	95	90	86	86	75	90	89	93	95	91	85	88	89	90	87	87	91	90		
	MIN	70	67	69	69	71	71	71	70	67	71	69	69	72	72	71	69	70	69	70	71	70	71	70	71	70	70	71	70	71	71	70	
WESTERN INTERIOR 06																																	
ADJUNTAS SUBSTATION																																	
	WIND	32	26	12	13	11	33	12	11	9	16	13	6	11	18	20	21	31	22	16	17	15	7	19	7	20	4	33	46	13	4	5	
	EVAP	13	18	10	14	7	20	20	11	10	19	15	13	13	15	12	19	9	9	-	10	16	14	14	15	12	13	14	9	11	13	25	
	MAX	87	91	94	87	83	91	93	90	89	91	90	89	93	92	88	92	83	83	87	90	94	92	93	91	89	88	92	82	84	87	91	
	MIN	64	68	63	64	65	67	67	65	63	64	65	64	67	67	67	67	67	68	67	67	78	65	64	62	64	66	69	65	63	64	66	
COROZAL SUBSTATION																																	
	WIND	11	18	21	18	21	13	16	23	20	17	21	18	18	13	24	18	27	19	13	15	16	16	13	14	19	15	17	18	12	9	17	
	EVAP	7	17	21	16	12	16	16	19	-	16	17	20	11	12	17	13	12	14	15	21	12	11	16	8	17	9	11	15	15	20	20	
	MAX	89	92	97	88	97	95	91	96	94	90	93	92	95	95	96	87	91	89	91	92	91	94	96	90	88	88	92	88	96	90	93	
	MIN	68	68	70	70	69	70	70	70	67	70	70	70	70	70	69	70	70	70	70	69	68	69	70	70	70	70	75	69	70	70	70	
VIRGIN ISLANDS																																	
ST CROIX 02																																	
BETH UPPER NEW WORKS																																	
	WIND	14	8	*	*	53	9	13	9	34	*	*	*	134	8	31	67	*	*	106	8	11	19	11	*	*	86	32	23	12	-	-	
	EVAP	22	25	*	*	51	22	26	31	31	*	*	*	98	23	27	20	*	*	41	18	22	14	20	*	*	43	22	25	27	-	-	
	MAX	96	97	-	-	100	99	100	98	97	-	-	-	100	100	100	90	-	-	97	97	99	00	85	-	-	98	97	97	96	-	-	
	MIN	74	74	-	-	73	74	75	75	75	-	-	-	77	72	72	73	-	-	74	76	76	74	75	-	-	72	75	74	73	-	-	

EVAPORATION: IS MEASURED IN HUNDRETHS OF INCHES
WIND: IS MEASURED IN MILES
MAX AND MIN: THE MAXIMUM AND MINIMUM TEMPERATURES (FAHRENHEIT) OF THE WATER IN THE EVAPORATION PAN
SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

PUERTO RICO AND
VIRGIN ISLANDS
OCTOBER 1987

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL TIME		STD TIME		
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
PUERTO RICO											
ACEITUNA	0040	06	PONCE	18 9	66 30W	2140		08			MIGUEL LOPEZ-BONILLA
ADJUNTAS 1 NW	0053	06	PONCE	18 11	66 44W	1500		07			OBISPO MOLINA
ADJUNTAS SUBSTATION	0061	06	PONCE	18 11	66 48W	1830		08	08	C	AGRI RESEARCH CENTER
AGUIRRE CENTRAL	0152	02	GUAYAMA	17 58	66 13W	25	08	07			SUGAR CORPORATION OF PR
ARECIBO 3 ESE	0410	01	ARECIBO	18 27	66 41W	10	08	08			COMET RICE OF PR, INC
ARECIBO OBSERVATORY	0426	06	ARECIBO	18 21	66 46W	1060	06	06			ARECIBO OBSERVATORY
BARCELONETA	0662	01	ARECIBO	18 27	66 33W	12		18			PEDRO RAMOS
BARRANQUITAS 2 SSW	0736	06	GUAYAMA	18 10	66 19W	1980	07	07			HECTOR R ORTIZ-COLON
BENAVENTE-HORMIGUEROS#	0900	04	MAYAGUEZ	18 7	67 6W	45	08	08			CORP. AZUCARERA DE PR
BORINQUEN AP	0974	01	MAYAGUEZ-AGU	18 30	67 8W	229	08	08			PUERTO RICO PORTS AUTH
CACAOS-ORCOVIS	1142	06	PONCE	18 14	66 30W	1820		07			VICTOR SERRANO-TORRES
CAGUAS 1 W	1309	05	GUAYAMA	18 14	66 3W	2600		07			MUNICIPAL CEMETERY 3
CALERO CAMP	1345	03	MAYAGUEZ	18 29	67 7W	246		08			PR ELECTRIC POWER AUTH
CANDELARIA - TOA BAJA	1536	01	BAYAMON	18 25	66 14W	240		07			CHARLES E PENNOCK
CANOVANAS	1590	03	CAROLINA	18 23	65 54W	40		08			FRANC REXACH-PADILLA
CAONILLAS-UTUADO	1623	06	ARECIBO	18 17	66 39W	854		07			AGRI RESEARCH CENTER
CAYEY 1 E	1901	05	GUAYAMA	18 7	66 9W	1370	08	08			C USGS GEOPHYSICAL OBS
CENTRAL SAN FRANCISCO	2316	02	MAYAGUEZ	17 59	66 49W	30		06			CENTRAL SAN FRANCISCO
CERRO GORDO-CIALES	2330	06	ARECIBO	18 17	66 31W	955		07			JOSE A COLOM COLLEGE
CERRO MARAVILLA	2336	06	PONCE	18 9	66 33W	3937	16	16			C PONCE TV CORP
CIDRA 1 E	2634	05	GUAYAMA	18 11	66 9W	1400		07			FEDERICO STUBBE JR
COAMO 2 SW	2723	02	PONCE	18 3	66 23W	220		08			HDC MANAGEMENT INC
COLOSO	2801	06	MAYAGUEZ	18 23	67 9W	40	08	08			SUGAR CORPORATION OF PR
COROZAL SUBSTATION	2934	06	ARECIBO	18 20	66 22W	650	08	08		08	C AGRI RESEARCH CENTER
CORRAL VIEJO	3023	04	PONCE	18 4	66 39W	400		08			CARLOS O ARMSTRONG
DORADO 2 WNW	3409	01	ARECIBO	18 28	66 18W	59		08			DORADO BEACH HOTEL
DOS BOCAS	3431	06	ARECIBO	18 20	66 40W	200	08	06			C BOARD OF WATER COMM
ENSENADA	3532	02	MAYAGUEZ	17 58	66 56W	6		08			PR SUGAR CORPORATION
FAJARDO	3657	03	HUMACAO	18 19	65 39W	30	07	07			C SUGAR CORPORATION OF PR
GUAJATACA DAM	3904	05	AGUADILLA	18 24	66 56W	683		07			AEE-GUAJATACA DAM
GUAVATE CAMP	4115	05	GUAYAMA	18 7	66 4W	2560		08			GUAVATE PRISON CAMP
GUAYABAL	4126	04	PONCE	18 4	66 29W	370		07			FLOR BURGOS
GUAYAMA	4193	04	GUAYAMA	17 59	66 7W	180	08	08			BOARD OF WATER COMM
GURABO SUBSTATION	4276	05	HUMACAO	18 15	66 0W	160	08	08		08	C GURABO AES
HACIENDA CONSTANZA	4330	06	MAYAGUEZ	18 13	67 5W	480		08			EDUCATION & LABOR CEN
HATO ARRIBA-ARECIBO	4340	03	ARECIBO	18 27	66 46W	213		08			JUAN AMADOR-GUTIERREZ
HUMACAO 2 SSE	4613	04	HUMACAO	18 8	65 49W	90	07	07			PR SUGAR CORPORATION
INDIERA ALTA	4677	06	MAYAGUEZ	18 10	66 53W	2600		06			ANGEL NIGAGLIONI
ISABELA SUBSTATION	4702	05	MAYAGUEZ	18 28	67 4W	420	08	08		08	ISABELA AGR EXP SUBSTN
JAJOME ALTO	4867	05	GUAYAMA	18 5	66 9W	2385		06			PR POLICE DEPT
JAYUYA	4910	06	PONCE	18 13	66 35W	1540		06			PEDRO MARI-MERCADO
JUANA DIAZ CAMP	5020	04	PONCE	18 3	66 30W	200		08			PR ELECTRIC POWER AUTH
JUNCOS	5064	05	HUMACAO	18 15	65 55W	230	07	07			FELIX VERA - LIZARDI
LAJAS SUBSTATION	5097	02	MAYAGUEZ	18 3	67 3W	90	08	08		08	LAJAS AGR EXP SUBSTN
LA MUDA - CAGUAS	5123	03	GUAYAMA	18 19	66 6W	290		09			AGUSTIN O'NEILL
LARES 2 SE	5175	06	AGUADILLA	18 17	66 51W	1520		07			ANTONIO PEREZ - SERRANO
MAGUEYES ISLAND	5693	03	MAYAGUEZ	17 58	67 3W	15	07	07			INST OF MARINE BIOLOGY
MANATI 2 E	5807	09	ARECIBO	18 26	66 27W	250	08	08			C ROCHE PRODUCTS, INC
MARICAO 2 SSW	5908	06	MAYAGUEZ	18 9	66 59W	2832	09	09			WORA TV CHANNEL 5
MARICAO FISH HATCHERY	5911	06	MAYAGUEZ	18 10	66 59W	1500		08			MARICAO FISH HATCHERY
MAUNABO	6050	04	GUAYAMA	18 1	65 54W	45		07			JORGE A SUGRANES
MAYAGUEZ CEER	6073	04	MAYAGUEZ	18 13	67 8W	100	08	08			MAYAGUEZ CEER
MAYAGUEZ AIRPORT	6083	04	MAYAGUEZ	18 15	67 9W	38		07			PUERTO RICO PORTS AUTH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

PUERTO RICO AND
VIRGIN ISLANDS
OCTOBER 1987

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
MONA ISLAND 2	662558	07	MAYAGUEZ	18 6	67 56W	7	07	07			PR DEPT OF NATURAL RES
MONTE BELLO-MANATI	662570	06	ARECIBO	18 23	66 31W	640	07	07			IRMA MALDONADO
MORA CAMP	663351	03	AGUADILLA	18 28	67 22W	410	08	08			FEF-OFICINA DE RIEGO
MOROVIS 1 N	663390	06	ARECIBO	18 20	66 24W	1600	07	07			ANGEL F CLASS-CACHO
NEGRO-COROZAL	665914	06	BAYAMON	18 20	66 20W	1710	MID	MID	C		JOSE L FRAU
PARAISO	668005	05	HUMACAO	18 16	65 43W	330	07	07			ANGEL LOPEZ
PATILLAS	669000	04	GUAYAMA	18 0	66 1W	56	06	06			PUERTO RICO POLICE
PENUELAS 1 NE	669830	04	PONCE	18 4	66 43W	320	08	08			PEDRO MUNIZ-COLON
PICO DEL ESTE	669920	05	HUMACAO	18 16	65 45W	3448	16	16	C		FAA-PICO DEL ESTE RADAR
PONCE 4 E	729920	02	PONCE	18 1	66 32W	70	08	08	08C		AGRI RESEARCH CENTER
PONCE CITY	729950	02	PONCE	17 59	66 38W	10	08	08	08C		MUNICIPAL CIVIL DEFENSE
PUERTO REAL	744920	04	MAYAGUEZ	18 4	67 11W	30	08	08			GERALD TORRES
QUEBRADILLAS	784430	01	MAYAGUEZ	18 28	66 56W	372	08	08			PR ELECTRIC POWER AUTH
RINCON POWER PLANT	811260	03	AGUADILLA	18 22	67 16W	27	08	08			CARMEN MERCADO
RIO BLANCO LOWER	811444	05	HUMACAO	18 15	65 47W	130	08	08			PR ELECTRIC POWER AUTH
RIO GRANDE EL VERDE	822445	05	HUMACAO	18 20	65 49W	600	08	08			INACTIVE 12/31/84
RIO PIEDRAS EXP STA	830060	01	SAN JUAN	18 24	66 3W	86	08	08	08		RIO PIEDRAS AG EXP STA
ROOSEVELT ROADS	841120	04	HUMACAO	18 15	65 38W	39	MID	MID			NAVY WEATHER SERVICE
SABANA GRANDE 2 ENE	853360	04	MAYAGUEZ	18 5	66 56W	850	08	08			ISMAEL MONTALVO
SALTILLO 2-ADJUNTAS	868840	06	PONCE	18 8	66 44W	2850	07	07			PABLO NIEVES-RAMOS
SAN JUAN WSFO	888120	01	SAN JUAN	18 26	66 0W	9	MID	MID	C	J	WSRO PERSONNEL
SAN LORENZO 3 S	888150	05	HUMACAO	18 9	65 58W	510	08	08			JORGE DAVILA-QUINTANA
SAN LORENZO FARM 2 NW	888220	05	HUMACAO	18 12	65 58W	200	07	07			CARLOS A VILA
SAN SEBASTIAN 2 WNW	888881	06	AGUADILLA	18 21	67 1W	170	08	08	C		PR SUGAR CORPORATION
SANTA ISABEL 2 ENE	894400	02	PONCE	17 58	66 22W	30	07	07			PR SUGAR CORPORATION
SANTA RITA	895550	02	MAYAGUEZ	18 1	66 53W	75	06	06			PR SUGAR CORPORATION
TOA BAJA 1 SSW	942101	01	BAYAMON	18 26	66 16W	20	06	06			MEDIA LUNA DAIRY
TORO NEGRO FOREST	943206	06	PONCE	18 11	66 30W	2848	08	08			PR DNR-TORO NEGRO FOREST
TRUJILLO ALTO 2 SSW	952103	03	SAN JUAN	18 20	66 1W	135	09	09			PR AQUEDUCT-SEWER AUTH
UTUADO	960080	06	ARECIBO	18 16	66 41W	520	08	08			DR ROBERTO RODRIL-RIVERA
VIEQUES ISLAND #2	975607	07	HUMACAO	18 7	65 26W	245	07	07			ANASTACIO SANCHEZ
VILLALBA 1 E	977406	06	PONCE	18 8	66 29W	550	07	07			NICOLAS GARCIA-RODRIGUEZ
YABUCOA 1 NNE	982904	04	HUMACAO	18 4	65 52W	33	08	08	08C		PR SUGAR CORPORATION
YAUCO 1 NW	986004	04	MAYAGUEZ	18 3	66 52W	180	08	08			MODESTO RIVERA
VIRGIN ISLANDS											
ALEX HAMILTON FLD FAA	0198	02	ST CROIX	17 42	64 48W	18	08	08			FAA
ANNALY	0240	02	ST CROIX	17 45	64 51W	700	07	07			BODIL L'AWAETZ
ANNAS HOPE	0260	02	ST CROIX	17 44	64 44W	180	08	09			VI DEPT-PUBLIC WORKS
BETH UPPER NEW WORKS	0480	02	ST CROIX	17 43	64 48W	110	08	08	08C		AGRI RESEARCH CENTER
CANEEL BAY PLANTATION	1316	03	ST JOHN	18 21	64 47W	60	08	08	C		CANEEL BAY PLANTATION H.
CATHERINEBURG	1348	03	ST JOHN	18 21	64 45W	800	08	08			US NAT PARK SERVICE
CHRISTIANSTED FORT	1740	02	ST CROIX	17 45	64 42W	40	08	08			NATIONAL PARK SERVICE
CORAL BAY	1790	03	ST JOHN	18 20	64 42W	30	08	08			JASON DALMIDA
COTTON VALLEY 2	1810	02	ST CROIX	17 45	64 37W	100	08	08			LOUIS P TIRELL
CRUZ BAY	1980	03	ST JOHN	18 20	64 48W	10	08	08			NATIONAL PARK SERVICE
DOROTHEA AES	2440	01	ST THOMAS	18 22	64 58W	800	08	08	C		DOROTHEA AGRI EXP STN

STATION INDEX

PUERTO RICO AND
VIRGIN ISLANDS
OCTOBER 1987

STATION	INDEX NO.	DIVISION	COUNTY	LATITUDE	LONGITUDE	ELEVATION (IN FEET)	OBSERVATION TIME AND TABLES				OBSERVER
							LOCAL STD TIME				
							TEMP	PRECIP	EVAP	SPECIAL (SEE NOTES)	
EAST END	2551	003	ST JOHN	18 20	64 41W	150					JAMES N MEYER
EAST HILL	2556	003	ST CROIX	17 46	64 39W	1200					AXEL L FREDERICKSEN
ESTATE FORT MYLNER	2883	001	ST THOMAS	18 20	64 53W	2000					ANALIA MYLNER
ESTATE HOPE	2883	001	ST THOMAS	18 20	65 0W	390					LEOPOLD GILLIARD
ESTATE THE SIGHT	2870	002	ST CROIX	17 44	64 40W	130					PHILIP C CLARK
FOUNTAIN	3150	002	ST CROIX	17 44	64 50W	250					FOUNTAIN VLY GLF COURSE
FREDERIKSTED 1 SE	3220	002	ST CROIX	17 42	64 52W	80					JOSE L GONZALEZ
GRANARD	3677	002	ST CROIX	17 43	64 43W	115					HENRY NELTHROPP
HAM BLUFF L-H STN	3880	002	ST CROIX	17 46	64 52W	80					TRACOR MARINE
LAMESHUR BAY	4820	003	ST JOHN	18 19	64 44W	170					NATIONAL PARK SERVICE
MONTPELLIER	4900	002	ST CROIX	17 46	64 45W	200					JUAN FUERTES
RED HOOK BAY	7600	001	ST THOMAS	18 19	64 51W	12					NATIONAL PARK SERVICE
TRUMAN FLD FAA AP	8900	001	ST THOMAS	18 20	64 58W	21	09	20			FAA
WATER ISLE	9220	001	ST THOMAS	18 19	64 57W	120	08	08			INACTIVE 05/01/87
WINTBERG	9450	001	ST THOMAS	18 21	64 55W	560		07			SEDRIC HEYLIGER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

PUERTO RICO AND
VIRGIN ISLANDS
OCTOBER 1987

DEFINITIONS

STATION NAMES: Name of the city, town or locality. Figures and letters following the station names indicate the distance in miles and direction from the post office or town community center.

DIVISIONS: Areas within a state of similar climatological characteristics. Division averages are calculated using data from stations that record both temperature and precipitation (ie: not precipitation alone).

NORMALS: The average value of the meteorological element over a time period. Effective 1 January 1983, the averaging period is 1951 to 1980. The normals for National Weather Service localities have been adjusted so as to be representative for the current observation site.

MONTHLY DEGREE DAY TOTALS: One heating (cooling) degree day is accumulated for each whole degree that the daily mean temperature is BELOW (ABOVE) 65 degrees Fahrenheit.

PRECIPITATION: Values shown in hundredths of inches are water equivalent totals, i.e. total of liquid and melted frozen precipitation. In the "MONTHLY SUMMARIZED DATA" table the total snow and sleet values shown in tenths of inches are unmelted amounts. The max. depth on ground values of snow and sleet shown in whole inches are cumulative unmelted amounts. The no. of days with .10, .50, 1.00 or more refers to water equivalents.

TEMPERATURE: Original and edited temperature values are given in the Daily Temperature table. Edited values are produced when an original value is missing or when surrounding stations indicate a suspect original value. When a line labeled OBS is present and contains either a daily temperature (suspect) or *** (missing), the temperature appearing directly above, on the line labeled MAX or MIN, is an edited value. Summary temperature information (averages, departures, extremes, monthly degree day totals) is based on the values labeled MAX/MIN.

WIND: (As shown in "Evaporation and Wind" table) The total wind movement in miles over the evaporation pan as determined by an anemometer recorder located 6-8 inches above the pan.

SYMBOLS AND LETTERS USED IN THE STATION INDEX TABLE

Thermometers located in a rooftop shelter.
// Rain Gage equipped with a windshield.
AR Observation made "after rain" has occurred.
C Station is equipped with recording rain gage (R) but values in this bulletin are from a non-recording rain gage unless indicated by an R.
G Observations appear in "Soil Temperatures" table.
H Observations appear in "Snowfall and Snow on Ground" table.
J Station also published as a Local Climatological Data publication.
MID Observation time is midnight.
MO Rain gage read once monthly, usually the last day.
OC Rain gage readings vary from a few weeks to several months.
R Amounts from recording rain gage.
SR Observation time near sunrise.
SS Observation time near sunset.
VAR Observation time varies.
WI Rain gage read weekly or irregularly.
WM Rain gage read weekly and last day of month.

SYMBOLS AND LETTERS USED IN THE DATA TABLES

(DAILY DATA ARE FOR THE 24 HOURS IMMEDIATELY PRECEDING OBSERVATION TIME.)

BLANK entries in the "Monthly Summarized Data" table indicate no record. BLANK entries in the "Daily Precipitation" and "Snowfall and Snow on Ground" tables indicate zero.

BLANK entries in the "Daily Temperature" table indicate a missing record where an edited value could not be determined. (See *** below)

- No record. Data not recorded, determined unreliable by quality control checks, or not received in time for publication.

+ Precipitation or temperature extremes occurred on one or more previous dates during the month.

*** Missing original temperature which has been estimated during edit.

* Rain gage not read. Precipitation is included in the amount following the asterisks. Time distribution not known. A * preceding the monthly total indicates precipitation amount is being carried forward to next months total, and may include amounts from the previous month(s).

// Rain gage equipped with a windshield.

A Amount of precipitation is the total of observer's entries for the current month. It may include precipitation that occurred during the previous month. Refer to earlier bulletin to determine date of last reading. (HAWAII stations)

B Adjusted monthly value (estimated), (1-7 missing values for wind and evaporation).

M Insufficient or partial data. M is appended to average and/or total values computed with 1-9 daily values missing. M appears alone if 10 or more daily values are missing, (8 or more for wind and evaporation).

R Amounts from recording rain gage.

T Trace. An amount too small to measure.

V Includes total for previous month(s). (See * above)

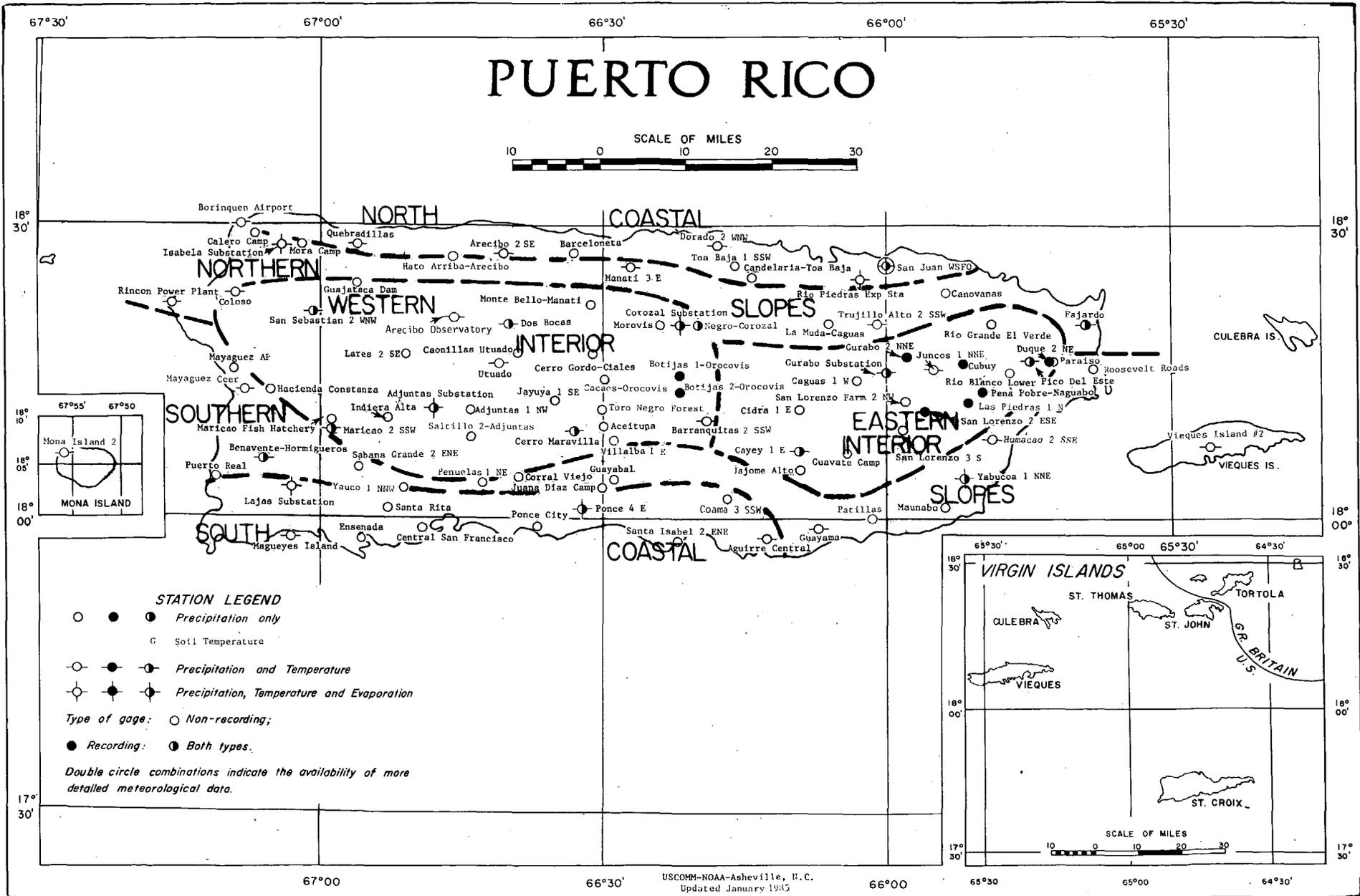
Seasonal Tables: Monthly and seasonal snowfall and heating degree days for the 12 months ending with the June data are published in the July issue of this bulletin. Cooling degree days for the calendar year are published in the "Climatological Data Annual Summary".

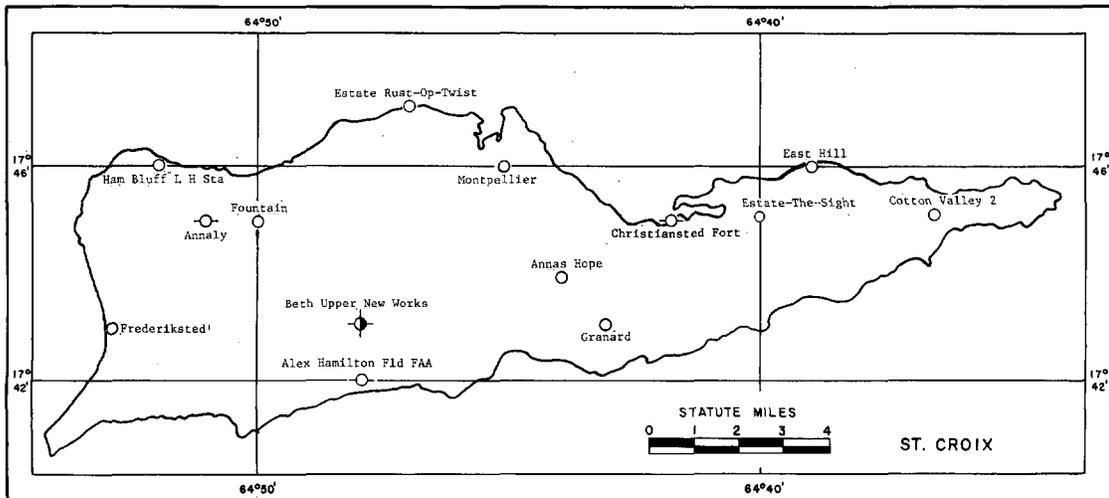
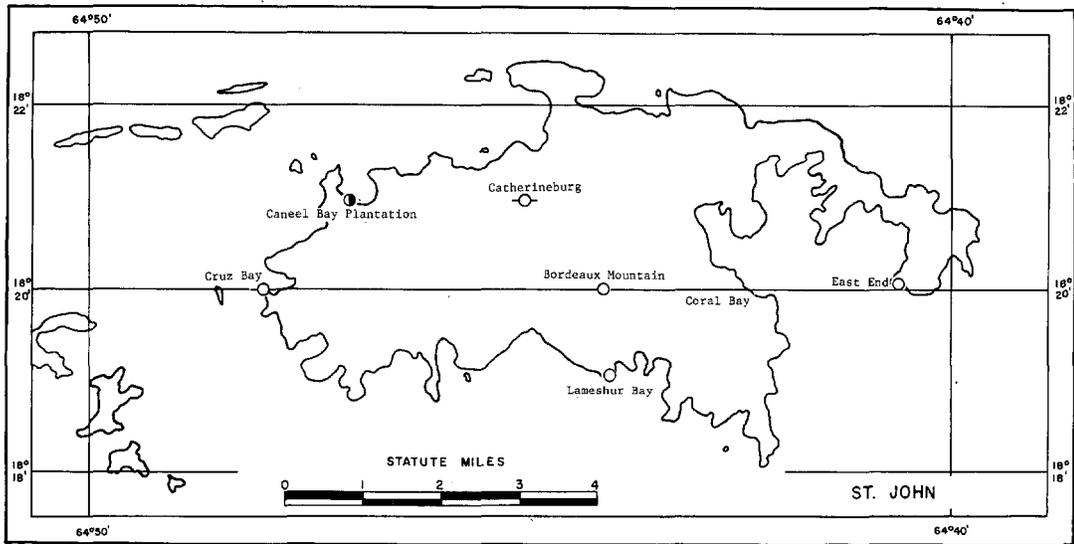
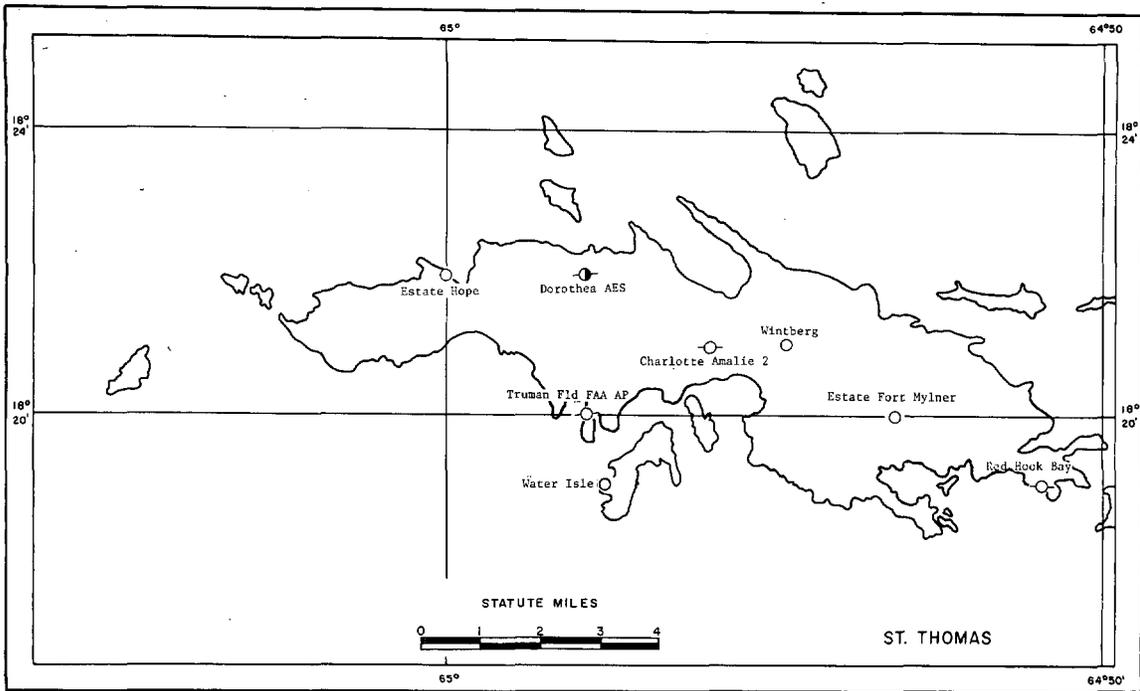
The graphic displays appearing in this publication were first produced for the January 1987 data month. The types of graphs and the information they portray may vary from month to month and from state to state in order to highlight climatic features of state, regional, and seasonal interest. Some graphs present information for "clusters". A cluster is a group of up to four (4) adjacent divisions that comprise an area of similar climate.

Information concerning the history of changes in locations, exposure, etc. of substations is kept on file at the National Climatic Data Center. Historical information for regular National Weather Service Offices may be obtained from the "Local Climatological Data" annual publication. The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center, Asheville, North Carolina.

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DECEMBER
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ANNUAL SUMMARY
ARIZONA

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PRECIPITATION DATA
ARIZONA

VOLUME 35 NUMBER

ISSN 0364-8086

CLIMATOLOGICAL DATA
ARIZONA

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LOCAL
CLIMATOLOGICAL DATA
Monthly Summary

STATION	ELEVATION	MONTHS												ANNUAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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ALBUQUERQUE	5100	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.3	12.6	12.9	13.2	13.5	13.8	14.1	14.4	14.7	15.0	15.3	15.6	15.9	16.2	16.5	16.8	17.1	17.4	17.7	18.0	18.3	18.6	18.9	19.2	19.5	19.8	20.1	20.4	20.7	21.0	21.3	21.6	21.9	22.2	22.5	22.8	23.1	23.4	23.7	24.0	24.3	24.6	24.9	25.2	25.5	25.8	26.1	26.4	26.7	27.0	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.4	29.7	30.0	30.3	30.6	30.9	31.2	31.5	31.8	32.1	32.4	32.7	33.0	33.3	33.6	33.9	34.2	34.5	34.8	35.1	35.4	35.7	36.0	36.3	36.6	36.9	37.2	37.5	37.8	38.1	38.4	38.7	39.0	39.3	39.6	39.9	40.2	40.5	40.8	41.1	41.4	41.7	42.0	42.3	42.6	42.9	43.2	43.5	43.8	44.1	44.4	44.7	45.0	45.3	45.6	45.9	46.2	46.5	46.8	47.1	47.4	47.7	48.0	48.3	48.6	48.9	49.2	49.5	49.8	50.1	50.4	50.7	51.0	51.3	51.6	51.9	52.2	52.5	52.8	53.1	53.4	53.7	54.0	54.3	54.6	54.9	55.2	55.5	55.8	56.1	56.4	56.7	57.0	57.3	57.6	57.9	58.2	58.5	58.8	59.1	59.4	59.7	60.0	60.3	60.6	60.9	61.2	61.5	61.8	62.1	62.4	62.7	63.0	63.3	63.6	63.9	64.2	64.5	64.8	65.1	65.4	65.7	66.0	66.3	66.6	66.9	67.2	67.5	67.8	68.1	68.4	68.7	69.0	69.3	69.6	69.9	70.2	70.5	70.8	71.1	71.4	71.7	72.0	72.3	72.6	72.9	73.2	73.5	73.8	74.1	74.4	74.7	75.0	75.3	75.6	75.9	76.2	76.5	76.8	77.1	77.4	77.7	78.0	78.3	78.6	78.9	79.2	79.5	79.8	80.1	80.4	80.7	81.0	81.3	81.6	81.9	82.2	82.5	82.8	83.1	83.4	83.7	84.0	84.3	84.6	84.9	85.2	85.5	85.8	86.1	86.4	86.7	87.0	87.3	87.6	87.9	88.2	88.5	88.8	89.1	89.4	89.7	90.0	90.3	90.6	90.9	91.2	91.5	91.8	92.1	92.4	92.7	93.0	93.3	93.6	93.9	94.2	94.5	94.8	95.1	95.4	95.7	96.0	96.3	96.6	96.9	97.2	97.5	97.8	98.1	98.4	98.7	99.0	99.3	99.6	99.9	100.2	100.5	100.8	101.1	101.4	101.7	102.0	102.3	102.6	102.9	103.2	103.5	103.8	104.1	104.4	104.7	105.0	105.3	105.6	105.9	106.2	106.5	106.8	107.1	107.4	107.7	108.0	108.3	108.6	108.9	109.2	109.5	109.8	110.1	110.4	110.7	111.0	111.3	111.6	111.9	112.2	112.5	112.8	113.1	113.4	113.7	114.0	114.3	114.6	114.9	115.2	115.5	115.8	116.1	116.4	116.7	117.0	117.3	117.6	117.9	118.2	118.5	118.8	119.1	119.4	119.7	120.0	120.3	120.6	120.9	121.2	121.5	121.8	122.1	122.4	122.7	123.0	123.3	123.6	123.9	124.2	124.5	124.8	125.1	125.4	125.7	126.0	126.3	126.6	126.9	127.2	127.5	127.8	128.1	128.4	128.7	129.0	129.3	129.6	129.9	130.2	130.5	130.8	131.1	131.4	131.7	132.0	132.3	132.6	132.9	133.2	133.5	133.8	134.1	134.4	134.7	135.0	135.3	135.6	135.9	136.2	136.5	136.8	137.1	137.4	137.7	138.0	138.3	138.6	138.9	139.2	139.5	139.8	140.1	140.4	140.7	141.0	141.3	141.6	141.9	142.2	142.5	142.8	143.1	143.4	143.7	144.0	144.3	144.6	144.9	145.2	145.5	145.8	146.1	146.4	146.7	147.0	147.3	147.6	147.9	148.2	148.5	148.8	149.1	149.4	149.7	150.0	150.3	150.6	150.9	151.2	151.5	151.8	152.1	152.4	152.7	153.0	153.3	153.6	153.9	154.2	154.5	154.8	155.1	155.4	155.7	156.0	156.3	156.6	156.9	157.2	157.5	157.8	158.1	158.4	158.7	159.0	159.3	159.6	159.9	160.2	160.5	160.8	161.1	161.4	161.7	162.0	162.3	162.6	162.9	163.2	163.5	163.8	164.1	164.4	164.7	165.0	165.3	165.6	165.9	166.2	166.5	166.8	167.1	167.4	167.7	168.0	168.3	168.6	168.9	169.2	169.5	169.8	170.1	170.4	170.7	171.0	171.3	171.6	171.9	172.2	172.5	172.8	173.1	173.4	173.7	174.0	174.3	174.6	174.9	175.2	175.5	175.8	176.1	176.4	176.7	177.0	177.3	177.6	177.9	178.2	178.5	178.8	179.1	179.4	179.7	180.0	180.3	180.6	180.9	181.2	181.5	181.8	182.1	182.4	182.7	183.0	183.3	183.6	183.9	184.2	184.5	184.8	185.1	185.4	185.7	186.0	186.3	186.6	186.9	187.2	187.5	187.8	188.1	188.4	188.7	189.0	189.3	189.6	189.9	190.2	190.5	190.8	191.1	191.4	191.7	192.0	192.3	192.6	192.9	193.2	193.5	193.8	194.1	194.4	194.7	195.0	195.3	195.6	195.9	196.2	196.5	196.8	197.1	197.4	197.7	198.0	198.3	198.6	198.9	199.2	199.5	199.8	200.1	200.4	200.7	201.0	201.3	201.6	201.9	202.2	202.5	202.8	203.1	203.4	203.7	204.0	204.3	204.6	204.9	205.2	205.5	205.8	206.1	206.4	206.7	207.0	207.3	207.6	207.9	208.2	208.5	208.8	209.1	209.4	209.7	210.0	210.3	210.6	210.9	211.2	211.5	211.8	212.1	212.4	212.7	213.0	213.3	213.6	213.9	214.2	214.5	214.8	215.1	215.4	215.7	216.0	216.3	216.6	216.9	217.2	217.5	217.8	218.1	218.4	218.7	219.0	219.3	219.6	219.9	220.2	220.5	220.8	221.1	221.4	221.7	222.0	222.3	222.6	222.9	223.2	223.5	223.8	224.1	224.4	224.7	225.0	225.3	225.6	225.9	226.2	226.5	226.8	227.1	227.4	227.7	228.0	228.3	228.6	228.9	229.2	229.5	229.8	230.1	230.4	230.7	231.0	231.3	231.6	231.9	232.2	232.5	232.8	233.1	233.4	233.7	234.0	234.3	234.6	234.9	235.2	235.5	235.8	236.1	236.4	236.7	237.0	237.3	237.6	237.9	238.2	238.5	238.8	239.1	239.4	239.7	240.0	240.3	240.6	240.9	241.2	241.5	241.8	242.1	242.4	242.7	243.0	243.3	243.6	243.9	244.2	244.5	244.8	245.1	245.4	245.7	246.0	246.3	246.6	246.9	247.2	247.5	247.8	248.1	248.4	248.7	249.0	249.3	249.6	249.9	250.2	250.5	250.8	251.1	251.4	251.7	252.0	252.3	252.6	252.9	253.2	253.5	253.8	254.1	254.4	254.7	255.0	255.3	255.6	255.9	256.2	256.5	256.8	257.1	257.4	257.7	258.0	258.3	258.6	258.9	259.2	259.5	259.8	260.1	260.4	260.7	261.0	261.3	261.6	261.9	262.2	262.5	262.8	263.1	263.4	263.7	264.0	264.3	264.6	264.9	265.2	265.5	265.8	266.1	266.4	266.7	267.0	267.3	267.6	267.9	268.2	268.5	268.8	269.1	269.4	269.7	270.0	270.3	270.6	270.9	271.2	271.5	271.8	272.1	272.4	272.7	273.0	273.3	273.6	273.9	274.2	274.5	274.8	275.1	275.4	275.7	276.0	276.3	276.6	276.9	277.2	277.5	277.8	278.1	278.4	278.7	279.0	279.3	279.6	279.9	280.2	280.5	280.8	281.1	281.4	281.7	282.0	282.3	282.6	282.9	283.2	283.5	283.8	284.1	284.4	284.7	285.0	285.3	285.6	285.9	286.2	286.5	286.8	287.1	287.4	287.7	288.0	288.3	288.6	288.9	289.2	289.5	289.8	290.1	290.4	290.7	291.0	291.3	291.6	291.9	292.2	292.5	292.8	293.1	293.4	293.7	294.0	294.3	294.6	294.9	295.2	295.5	295.8	296.1	296.4	296.7	297.0	297.3	297.6	297.9	298.2	298.5	298.8	299.1	299.4	299.7	300.0	300.3	300.6	300.9	301.2	301.5	301.8	302.1	302.4	302.7	303.0	303.3	303.6	303.9	304.2	304.5	304.8	305.1	305.4	305.7	306.0	306.3	306.6	306.9	307.2	307.5	307.8	308.1	308.4	308.7	309.0	309.3	309.6	309.9	310.2	310.5	310.8	311.1	311.4	311.7	312.0	312.3	312.6	312.9	313.2	313.5	313.8	314.1	314.4	314.7	315.0	315.3	315.6	315.9	316.2	316.5	316.8	317.1	317.4	317.7	318.0	318.3	318.6	318.9	319.2	319.5	319.8	320.1	320.4	320.7	321.0	321.3	321.6	321.9	322.2	322.5	322.8	323.1	323.4	323.7	324.0	324.3	324.6	324.9	325.2	325.5	325.8	326.1	326.4	326.7	327.0	327.3	327.6	327.9	328.2	328.5	328.8	329.1	329.4	329.7	330.0	330.3	330.6	330.9	331.2	331.5	331.8	332.1	332.4	332.7	333.0	333.3	333.6	333.9	334.2	334.5	334.8	335.1	335.4	335.7	336.0	336.3	336.6	336.9	337.2	337.5	337.8	338.1	338.4	338.7	339.0	339.3	339.6	339.9	340.2	340.5	340.8	341.1	341.4	341.7	342.0	342.3	342.6	342.9	343.2	343.5	343.8	344.1	344.4	344.7	345.0	345.3	345.6	345.9	346.2	346.5	346.8	347.1	347.4	347.7	348.0	348.3	348.6	348.9	349.2	349.5	349.8	350.1	350.4	350.7	351.0	351.3	351.6	351.9	352.2	352.5	352.8	353.

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